



File Wrapper Continuing Application
(FWC) under 37 CFR 1.62

BRUMBAUGH, GRAVES, DONOHUE & RAYMOND
30 ROCKEFELLER PLAZA
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PATENT

TELEPHONE 212 408-2500
FACSIMILE 212 765-2519
CABLE CAMBRUFREE
TELEX 238555

Our File No. A28203-A-FWC-240/26531
Anticipated Classification
Class _____ Subclass _____
Prior Appln. :
Serial No.: 07/656,575
Examiner : Bennett, L.
Art Unit : 1807

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner of Patents and Trademarks
Box FWC
Washington, D.C. 20231

This is a request for filing a

() continuation-in-part (X) continuation () divisional
application under the file wrapper continuing procedure, 37 CFR
1.62, of prior application, Serial No. 07/656,575, filed
on February 15, 1991, entitled METHOD AND REAGENT FOR
DETERMINING SPECIFIC NUCLEOTIDE VARIATIONS
by the following named inventor(s):

Hans Eric Söderlund
Anne-Christine Syvanen

CERTIFICATE OF EXPRESS MAIL UNDER 37 CFR 1.10

"Express Mail" Mailing Label No. EF 414 746 734 US. Date of Deposit
December 2, 1993. I hereby certify that this FWC transmittal and the
documents referred to as attached therein are being deposited with the United
States Postal Service "Express Mail Post Office to Addressee" Service under 37
C.F.R. 1.10 on the date indicated above and is addressed to: Commissioner of
Patents and Trademarks, Washington, D.C. 20231.

Calvin Teegarden
(Type or print Name of person mailing paper)

Calvin Teegarden
(Signature of person mailing paper)

File Wrapper Continuing Application
(FWC) under 37 CFR 1.62

PATENT

Our File No. A28203-A-FWC-240/26531

FULL NAME OF SOLE OR FIRST INVENTOR	LAST NAME SÖDERLUND	FIRST NAME HANS	MIDDLE NAME E.	
RESIDENCE & CITIZENSHIP	CITY ESPOO	STATE OR FOREIGN COUNTRY FINLAND	COUNTRY OF CITIZENSHIP FINLAND	
POST OFFICE ADDRESS	POST OFFICE ADDRESS Salonkitie 19	CITY ESPOO	STATE OR FOREIGN COUNTRY FINLAND	ZIP CODE 02940
FULL NAME OF 2ND JOINT INVENTOR	LAST NAME SYVANEN	FIRST NAME ANNE- CHRISTINE	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY HELSINKI	STATE OR FOREIGN COUNTRY FINLAND	COUNTRY OF CITIZENSHIP FINLAND	
POST OFFICE ADDRESS	POST OFFICE ADDRESS Mannerheimintie 138A	CITY HELSINKI	STATE OR FOREIGN COUNTRY FINLAND	ZIP CODE SF-00270
FULL NAME OF 3RD JOINT INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	



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(FWC) under 37 CFR 1.62

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POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR FOREIGN COUNTRY	ZIP CODE

The above identified prior application, in which no payment of the issue fee, abandonment of, or termination of proceedings has occurred, is hereby expressly abandoned as of the filing date of this new application. Please use all the contents of the prior application file wrapper, including the drawings, as the basic papers for the new application.

1. ☐ Enter the amendment previously filed on _____ under 37 CFR 1.116 but unentered, in the prior application.
2. ☐ A preliminary amendment is enclosed.

The filing fee is calculated on the basis of the claims existing in the prior application as amended at 1 and 2 above.

FOR	(Col. 1) NO. FILED	(Col. 2) NO. EXTRA	SMALL ENTITY		or	OTHER THAN A SMALL ENTITY	
			RATE	FEE		RATE	FEE
Basic Fee	////////	////////	////	\$355	or	////	\$710
Total Claims	45-20	= 25	x \$ 11	=	or	x \$ 22	= 550
Ind. Claims	10-3	= 7	x \$ 37	=	or	x \$ 75	= 518
() Multiple Dependent Claim Presented			+ \$115		or	+ \$230	
			TOTAL = \$		or	TOTAL = \$1,778	

* If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

3. ☒ An Extension of Time to respond to the Final Rejection dated June 2, 1993 in parent U.S. application Serial No. 07/656,575, filed February 15, 1991, is requested. The required fee, indicated below, is enclosed herewith.

Extension for response (check only one):

File Wrapper Continuing Application
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	<u>SMALL ENTITY</u>	<u>OTHER THAN A SMALL ENTITY</u>
Within first month ()	\$ 55	() \$ 110
Within second month ()	180	() 360
Within third month ()	420	(X) 840
Within fourth month ()	660	() 1,320

(check and complete the next item, if applicable)

- (a) () An extension for _____ months has already been secured and the fee paid therefor of \$_____ is deducted from the total fee due for the total months of extension now requested.

() A copy of the request for extension of time filed in prior application is attached.

Extension fee due with this request \$_____

or

- (b) (X) In the event that an extension of time is required, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

(c) **TOTAL FEE DUE**

The total fee due is

Filing fee	\$ <u>1,778.00</u>
Extension fee (if any)	\$ <u>840.00</u>

TOTAL FEE DUE \$ 2,618.00

4. (X) The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required, or credit any overpayment to Deposit Account No. 02-4377. Two copies of this sheet are enclosed.
5. () A new oath or declaration is included since this application is a continuation-in-part which discloses and claims additional matter.

File Wrapper Containing Application
(FWC) under 37 CFR 1.62

PATENT

Our File No. A28203-A-FWC-240/26531

6. (X) Amend the specification by inserting before the first line the sentence:

This application is a

() continuation-in-part (X) continuation () division
of application Serial No. 07/656,575, filed on
February 21, 1991.

7. () A verified statement that this is a filing by a small entity is attached.

() The small entity statement was filed in the parent application Serial No. _____, on _____ and its benefit under 37 CFR 1.28(a) is hereby claimed.

8. () Priority of application Serial No. _____, filed on _____, in _____ is claimed under 35 USC 119.

() The certified copy has been filed in prior application Serial No. _____ filed _____.

9. (X) The prior application is assigned of record to _____
Orion Corporation Ltd.

() An assignment of the invention to _____ is attached.

10. () Also enclosed

11. (X) Please address all further communications to:

BRUMBAUGH, GRAVES, DONOHUE & RAYMOND
30 Rockefeller Plaza
New York, New York 10112
(212) 408-2500

It is understood that secrecy under 35 USC 122 is hereby waived to the extent that if information or access is available to any one of the applications in the file wrapper of a 37 CFR 1.62 application, be it either this application or a prior application

File Wrapper Containing Application
(FWC) under 37 CFR 1.62

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in the same file wrapper, the Patent and Trademark Office may provide similar information or access to all the other applications in the same file wrapper.

BRUMBAUGH, GRAVES, DONOHUE & RAYMOND

Date: December 2, 1993

By

Rochelle K. Seide

Rochelle K. Seide

PTO Registration No. 32,300

Enclosures

028

130.00 PAID
Cont. Div. Appln. Trans.



BRUMBAUGH, GRAVES, DONOHUE & RAYMOND

30 ROCKEFELLER PLAZA
NEW YORK, N.Y. 10112-0228

PATENT

TELEPHONE 212 408-2500

FACSIMILE 212 765-2519

TELEX 650 611063

MCI MAIL 611-1063

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Our File No. A28203-A-FWC-B - 240/31259

Anticipated Classification

Class _____ Subclass _____

Prior Application 08/162,376

Examiner: L. Arthur

Art Unit: 1807

Box Patent Application
Commissioner of Patents and Trademarks
Washington, D.C. 20231

TRANSMITTAL OF FILING UNDER 37 CFR. 1.60(b)

Sir:

This is a request for the filing of a

(X) continuation () divisional

application under 37 CFR 1.60 of pending prior application Serial No. 08/162,376, filed on December 2, 1993, which is a file-wrapper continuation of application Serial No. 07/656,575, filed on February 15, 1991, abandoned, which in turn is a continuation-in-part application Serial No. 07/482,005, filed February 16, 1990, abandoned

of Soderlund, et al.

(Inventor(s))

for METHOD AND REAGENT FOR DETERMINING SPECIFIC NUCLEOTIDE VARIATIONS

(Title of Invention)

1. (X) Enclosed is a copy of the prior application, drawings and declaration as originally filed. I hereby verify that

CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. 1.10

"Express Mail" Mailing Label No. EG524456368US. Date of Deposit June 5, 1995. I hereby certify that this 37 CFR 1.60 request and the documents referred to as attached therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Calvin Teegarden

(Type or print Name of person mailing paper or fee)

Calvin Teegarden
(Signature of person mailing paper or fee)

08455322-060595

PATENT

Our File No. A28203-A-FWC-B - 240/31259

the attached papers are a true copy of prior application
Serial No. 07/656,575 as originally filed on
February 15, 1991 and application Serial No.
08/162,376 filed December 2, 1993.

2. () Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
3. () A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
4. (X) The filing fee is calculated below:

FOR	(Col. 1) NO. FILED	(Col. 2) NO. EXTRA	SMALL ENTITY		or	OTHER THAN A SMALL ENTITY	
			RATE	FEE		RATE	FEE
Basic Fee	////////	////////	////	\$365	or	////	\$730
Total Claims	11 -20 =	0	x \$11	=	or x	\$22	= 0
Ind. Claims	1 -3 =	0	x \$38	=	or x	\$76	= 0
() Multiple Dependent Claim Presented			+ \$120	=	or +	\$240	= 0
			TOTAL	= \$	or	TOTAL	= \$ 730

* If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

5. () An Extension of Time to respond to _____ dated _____ in parent application Serial No. _____ filed _____ is requested. The required fee, indicated below, is enclosed herewith.

Extension for response (check only one):

	SMALL ENTITY	OTHER THAN A SMALL ENTITY
Within first month	() \$ 55	() \$ 110
Within second month	() 185	() 370
Within third month	() 435	() 870
Within fourth month	() 680	() 1,360

(Check and complete the next item, if applicable)

08465332-060595

PATENT

Our File No. A28203-A-FWC-B - 240/31259

6a. () An extension for months has already been secured and the fee paid therefor of \$ is deducted from the total fee due for the total months of extension now requested.

() A copy of the request for extension of time filed in prior application is attached.

Extension fees due with this request \$ or

6b. (X) In the event that an extension of time is required, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fees for extension of time.

6c. (X) TOTAL FEE DUE IS

Filing fees \$ 730.00
Extension fee (if any) \$

TOTAL FEE DUE \$ 730.00

7. (X) The Commissioner is hereby authorized to charge any additional filing fees required under 37 CFR 1.16 and 1.17 associated with this communication or credit any overpayment to Deposit Account No. 02-4377. Two copies of this sheet are enclosed.

8. (X) Cancel claims 1-46.

9a. (X) Amend the specification by inserting before the first line the sentence: This application is a

(X) continuation () divisional

aa/sab
of pending prior application Serial No. 08/162,376,
filed on December 2, 1993, which is a file-wrapper
continuation of application Serial No. 07/656,575, filed
on February 15, 1991, abandoned, which in turn was a
continuation-in-part application Serial No. 07/482,005,
filed February 16, 1990, abandoned.

9b. (X) A preliminary amendment is enclosed.

10. (X) Three (3) sheets of drawings are enclosed.

0846332-060595

PATENT

Our File No. A28203-A-FWC-B - 240/31259

11. (X) The prior application is assigned to Orion Corporation
12. (X) a. (X) The Power of Attorney to our firm or to its members appears in the original papers of the prior application.
- b. () A revocation of the Power of Attorney in the prior application to
Name _____,
Reg. No. _____, and Address _____
- and a new Power of Attorney are enclosed.
- c. () Since the Power does not appear in the original papers, a copy of the Power in the prior application is enclosed.
- d. (X) Recognize as associate attorney
Name Rochelle K. Seide,
Reg. No. 32,300, and Address
30 Rockefeller Plaza, New York, NY 10112
13. () Applicant claims priority in this application under 35 USC 119 on application Serial No. _____, filed in _____ on _____
_____. A certified copy of that application was filed in the parent application Serial No. _____ on _____.
14. (X) A second duplicate copy of this letter is enclosed for filing in the original application file.
15. (X) Please address all further communications to:

BRUMBAUGH, GRAVES, DONOHUE & RAYMOND
30 Rockefeller Plaza
New York, New York 10112

BRUMBAUGH, GRAVES, DONOHUE & RAYMOND

By Rochelle K. Seide
Rochelle K. Seide
PTO Registration No. 32,300

Date June 5, 1995

064633 06055